



# Water Main Replacement Projects Outreach Event

Pipeline Design Division & Pipeline Construction  
Division

January 29, 2025

# Meeting Etiquette

- Microphones and cameras are disabled.
- Questions are to be submitted via chat.
- While we encourage you to submit questions, WSSC Water will not provide responses to submitted questions.
- Information provided in this meeting is not legally binding.
- To receive up-to-date contracting information, visit the Procurement Office's website at <https://www.wsscwater.com/secondary-landing-page/procurement>.

# Agenda

1. Team Introductions
2. Project Objectives
3. Project Overview
4. Keys to Success
5. Project Compliance
6. Questions

# Strategic Plan for Our Smart One Water Future

## Vision

In every home, in every business, we make everything possible by ensuring access to dependable and safe water for everyday life.

## Smart One Water Mission

WSSC Water ensures all communities thrive by ethically delivering safe, reliable and sustainable water and wastewater services.

## Promise

Continue the legacy of treasuring our water, customers and employees through dedicated service for current and future generations.

## Values

Just. Accountable. Caring.

Community-Focused. Excellent. Trustworthy.



34 Objectives to Navigate Team H<sub>2</sub>O to Our Smart One Water Future



# Team Introductions

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## Pipeline Construction Division (PCD)

Nadir Al-Salam, Division Manager

Jason Flory, Section Manager

Kevin Lethbridge, Section Manager

Collins Njoku, Section Manager

Derrick Jones, Section Manager

Gouladril Williams, Project Manager

Henry Peterson, Technical Contract  
Supervisor

## Pipeline Design Division (PDD)

Caville Stanbury-Woolery, Division  
Manager

Yuezhang Wang, Section Manager

Bhusan Basnet, Project Manager

James Campbell, Project Manager

Tesfai Giorgis, Project Manager

Darcy Male, Project Manager

Michael McGaughan, Project Manager

Abiodun Ola, Project Manager

Ahwi Quacoe, Project Manager

Garth Weston, Project Manager



# Project Objectives

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- The water mains have a history of several breaks and leaks resulting in service disruptions to the community.
- The projects include replacement and rehabilitation of aging water and sewer infrastructure that are nearing the end of their life cycle.
- The projects also contribute to our commitment to strategically replace and rehabilitate the aging water and sewer infrastructure throughout our service area.
- WSSC Water's goal is to maintain safe and reliable water services to our customers.
- It is paramount for the contractor to adhere to the specifications regarding clean site conditions and maintaining good and safe road patches and sidewalks on a daily basis.





# Project Overview

# Project Overview



Project Name	Project Number	Project Manager
Rolling Acres WMR - MDE (Maryland Department of the Environment) Funded	BR6944A20	Bhusan Basnet
41 <sup>st</sup> Avenue WMR	BR7710A24	Bhusan Basnet
Alexandria Drive WMR (MDE-Funded)	BR6650A19	Darcy Male
Larkwood WMR (MDE-Funded)	BR6715A19	Darcy Male
Pickering Circle WMR (MDE-Funded)	BR6709A19	Michael McGaughan
Cabin Branch Road WMR	BR6634A19	Michael McGaughan
Annapolis Road 16" - Phase I (MDE-Funded)	BTBR7141A21	Garth Weston
Furman Parkway 24" WMR (MDE-Funded)	BTBR7062A21	James Campbell
Kent Village WMR (MDE-Funded)	BR7273A22	Ahwi Quacoe
Weldon Drive WMR (MDE-Funded)	BR6616A18	Tesfai Giorgis
Cheverly WMR Phase I and Phase II	BR7214A21 & BR7214B21	Abiodun Ola

# Project Overview

For MDE (Maryland Department of the Environment) SRF (State Revolving Fund) Funded Projects, contractor should make note of the special additional requirements such as but not limited to:

- Use of Davis Bacon Wage Rates
- Use of American Iron and Steel Products (AIS)
- Use of American manufactured products and construction materials as mandated by the Build America Buy America Act (BABA)
- Submission of AIS and BABA material certifications
- The final guidance documents for AIS and BABA will be incorporated in Solicitation for bidders which provide the requirements in complete detail

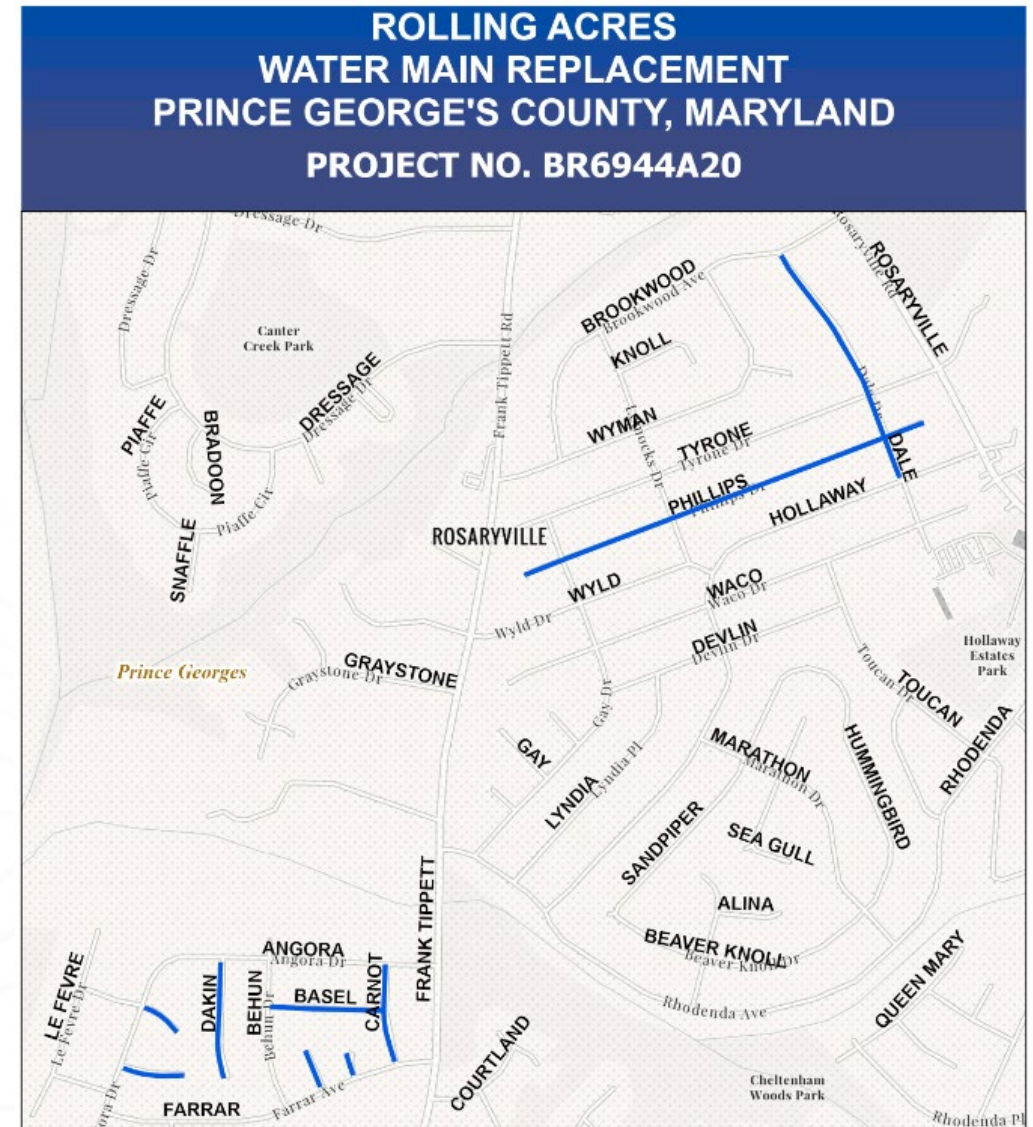
# Project Overview

## Rolling Acres Water Main Replacement (MDE-Funded)

Contract No. BR6944A20

Location: Upper Marlboro and  
Cheltenham - Prince George's County

- Replacement/relocation of approximately 1.5 miles of 4" and 8" Ductile Iron Pipe (DIP)
- Replacement of approximately 4,604 ft of water house connections for 155 properties



# Project Overview

## 41st Avenue

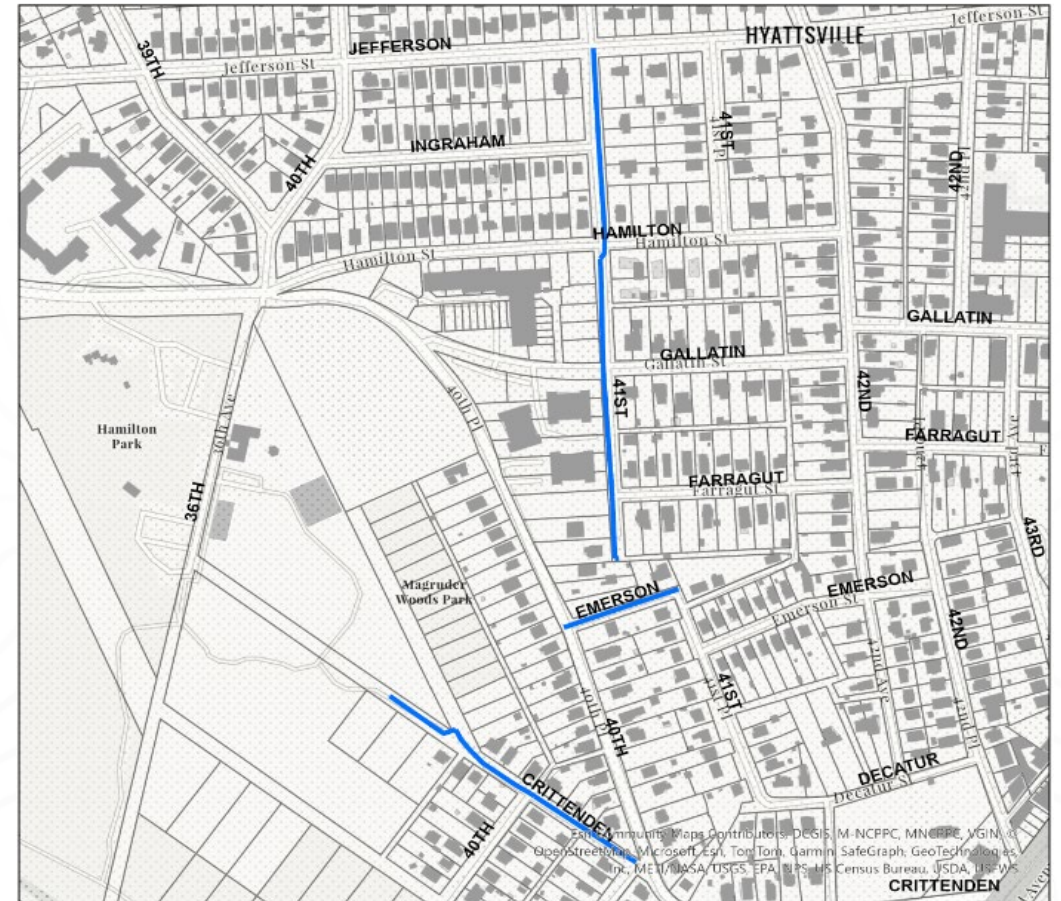
### Water Main Replacement

Contract No. BR7710A24

Location: Hyattsville - Prince George's County

- Replacement/relocation of approximately 0.48 miles of 4", 6", 8", 10" and 12" Ductile Iron Pipe (DIP)
- Replacement of approximately 333 feet of water house connections for 17 properties

**41ST AVENUE WATER MAIN REPLACEMENT  
HYATTSVILLE  
PRINCE GEORGE'S COUNTY, MARYLAND  
PROJECT NO. BR7710A24**



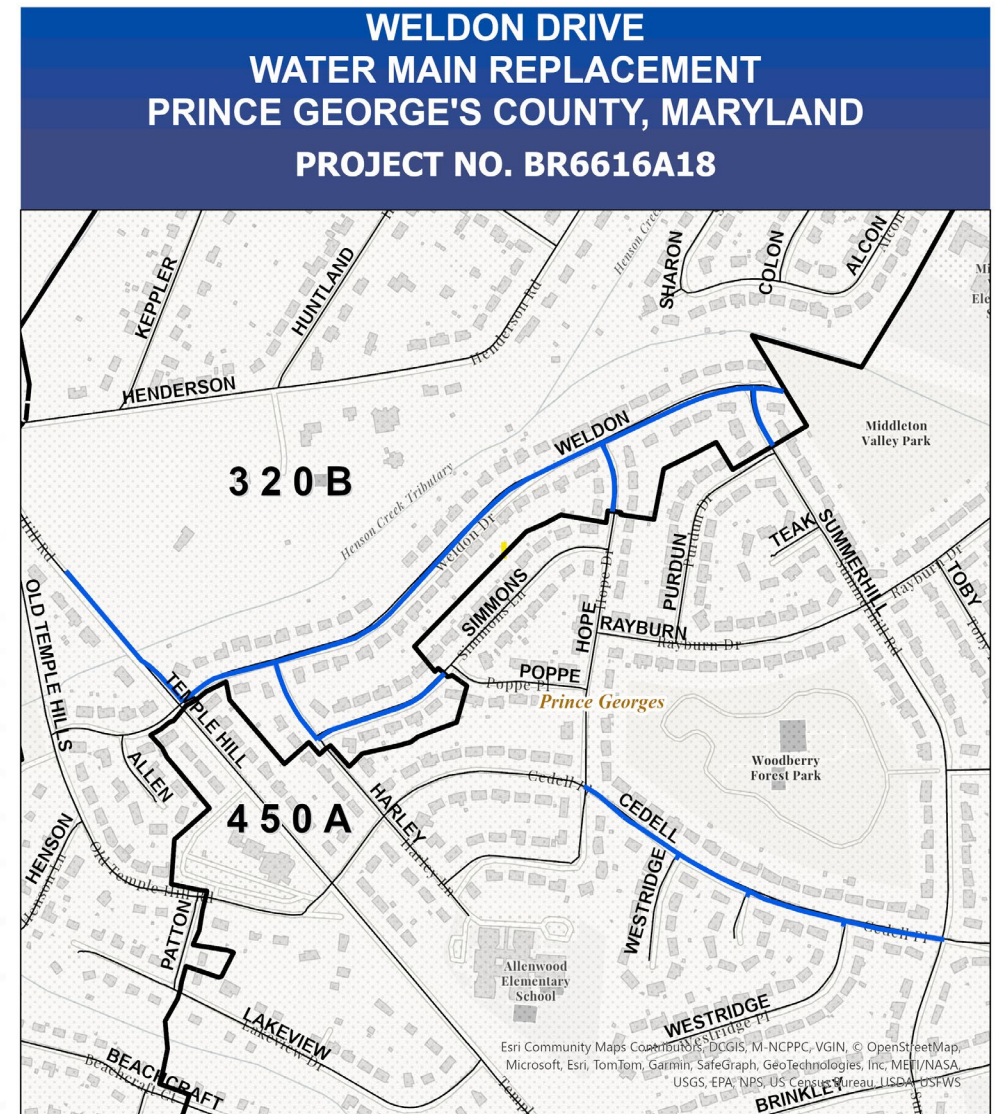
# Project Overview

## Weldon Drive Water Main Replacement (MDE-Funded)

Contract No. BR6616A18

Location: Temple Hills Area - Prince George's  
County

- Replacement/relocation of approximately 1.2 miles of 8" and 10" Ductile Iron Pipe (DIP)
- Replacement of approximately 3,366 feet of water house connections for 111 properties
- Replacement of approximately 769' of 8" PVC sewer main and 2 sewer house connections



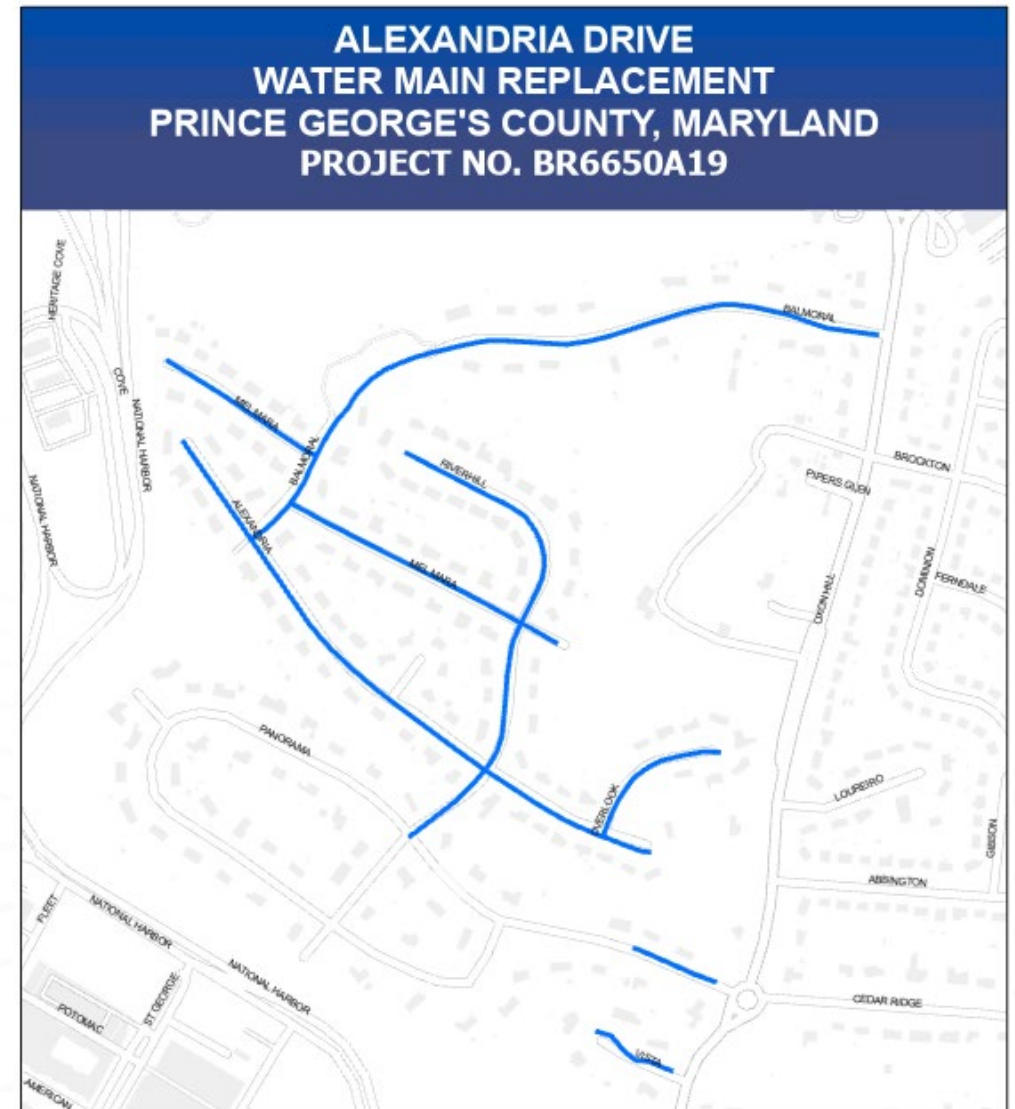
# Project Overview

## Alexandria Drive Water Main Replacement (MDE-Funded)

Contract No. BR6650A19

Location: Oxon Hill - Prince George's  
County

- Replacement/relocation of approximately 1.7 miles of 4", 8", 10", and 12" Ductile Iron Pipe (DIP)
- Replacement of approximately 3,526 feet of water house connections for 129 properties



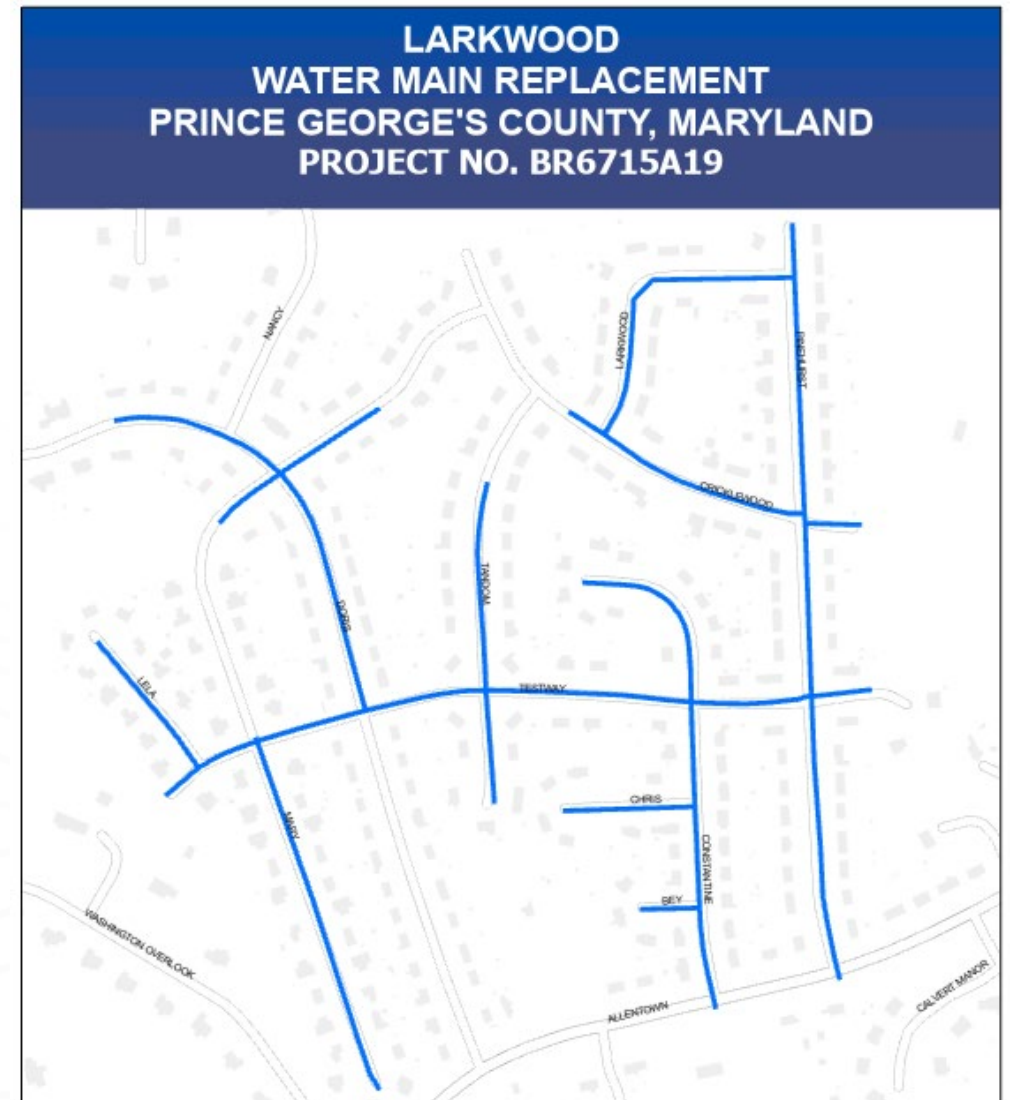
# Project Overview

## Larkwood Water Main Replacement (MDE-Funded)

Contract No. BR6715A19

Location: Fort Washington - Prince  
George's County

- Replacement/relocation of approximately 2.2 miles of 4", 8", and 10" Ductile Iron Pipe (DIP)
- Replacement of approximately 5,648 feet of water house connections for 195 properties





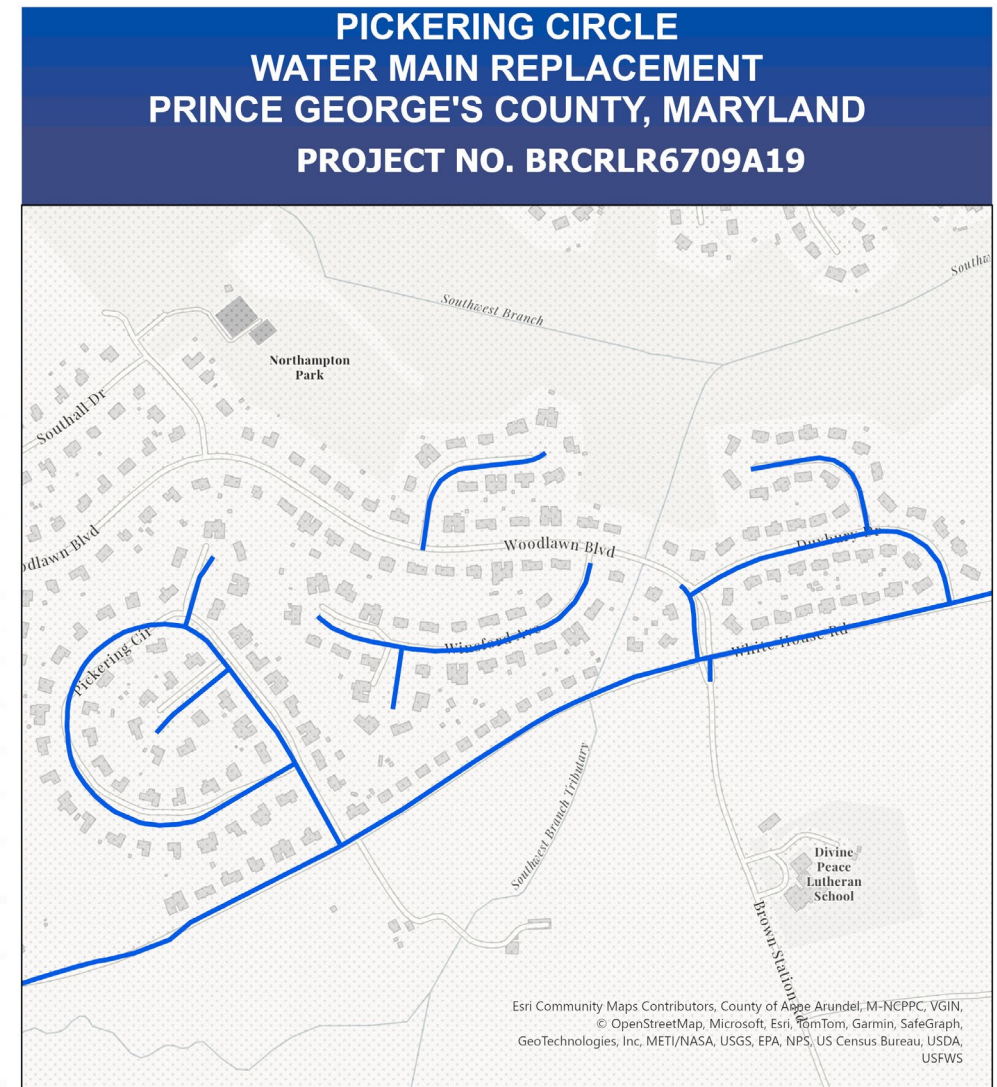
# Project Overview

## Pickering Circle Water Main Replacement (MDE-Funded)

Contract No. BRCRLR6709A19

Location: Mellwood - Prince George's County

- Replacement/relocation of approximately 1.3 miles of 8" and 10" Ductile Iron Pipe (DIP)
- Replacement/relocation of approximately 0.4 miles of 4", 6", and 8" of polyvinyl chloride (PVC) pipe
- Replacement of approximately 3,519 feet of water house connections for 142 properties



# Project Overview

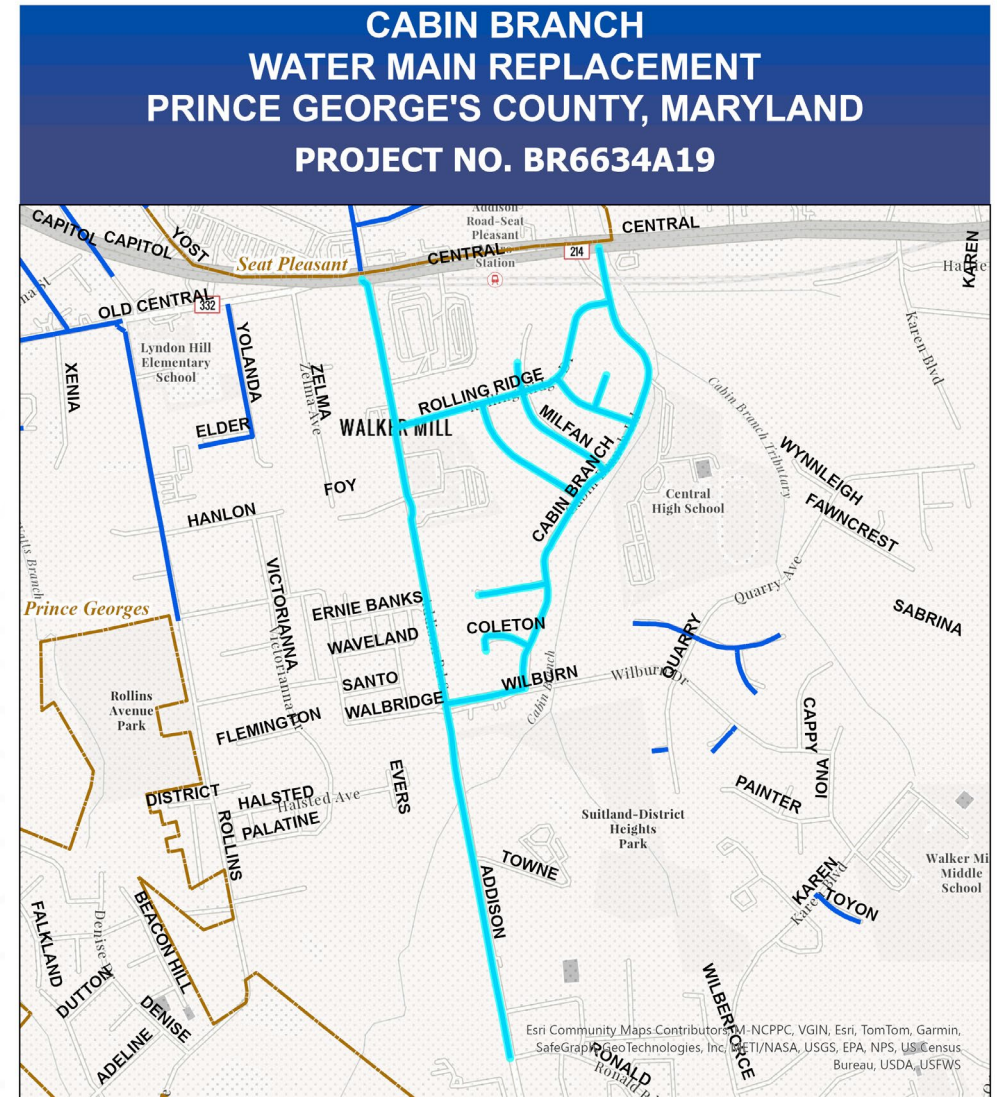
## Cabin Branch

### Water Main Replacement

Contract No. BRCRLR6634A20

Location: Capitol Heights - Prince George's  
County

- Replacement/relocation of approximately 2.8 miles of 4", 8", 10", and 12" Ductile Iron Pipe (DIP)
- Replacement/relocation of approximately .22 miles of 8" polyvinyl chloride (PVC) pipe
- Replacement of approximately 6,726 feet of water house connections for 186 properties



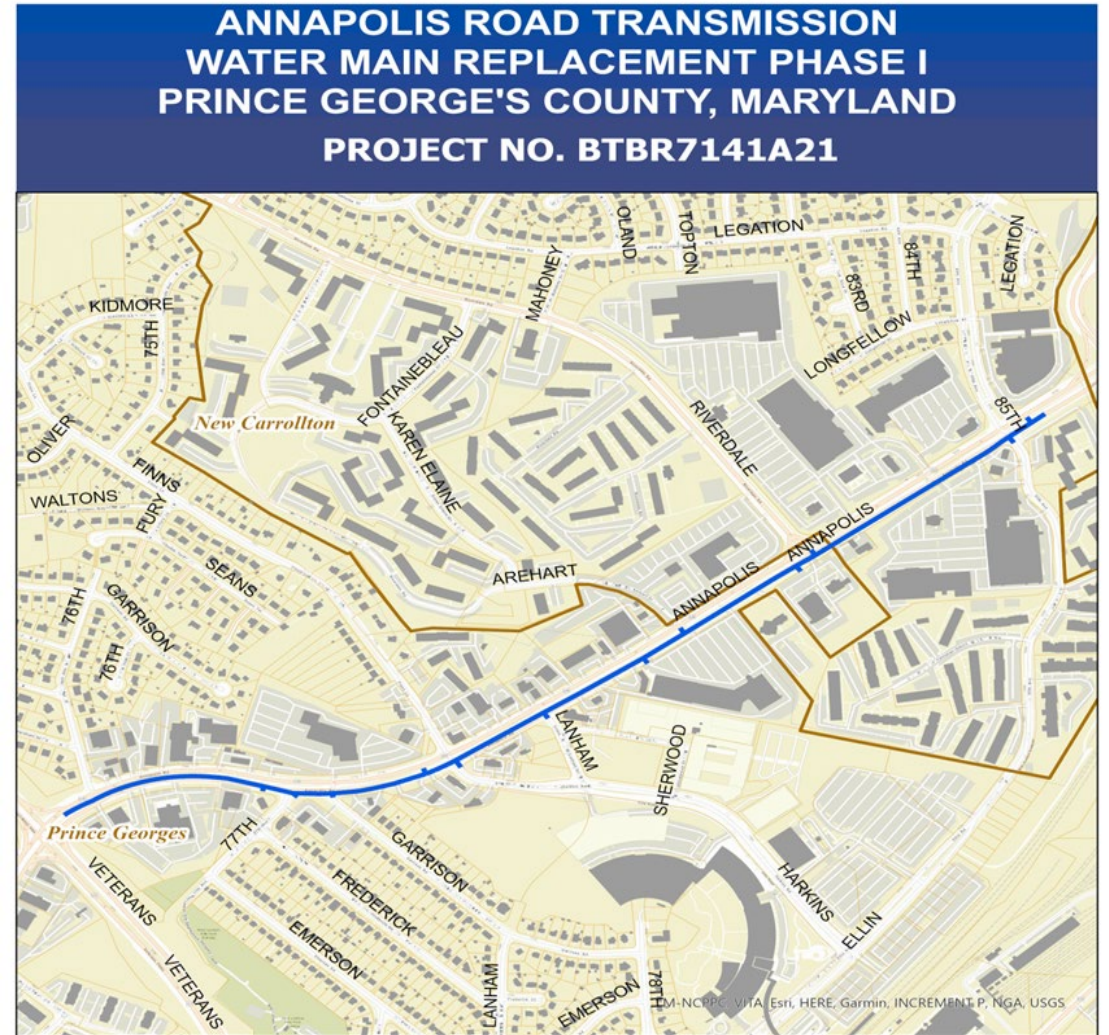
# Project Overview

## Annapolis Road Transmission Water Main Replacement (MDE-Funded)

Contract No. BTBR7141A21 Phase I

Location: Lanham and Hyattsville - Prince  
George's County

- Replacement/relocation of approximately 1.16 miles of 8", 10", 12", 14" and 16" Ductile Iron Pipe (DIP)
- Replacement of approximately 1,395 feet of water house connections for 30 properties



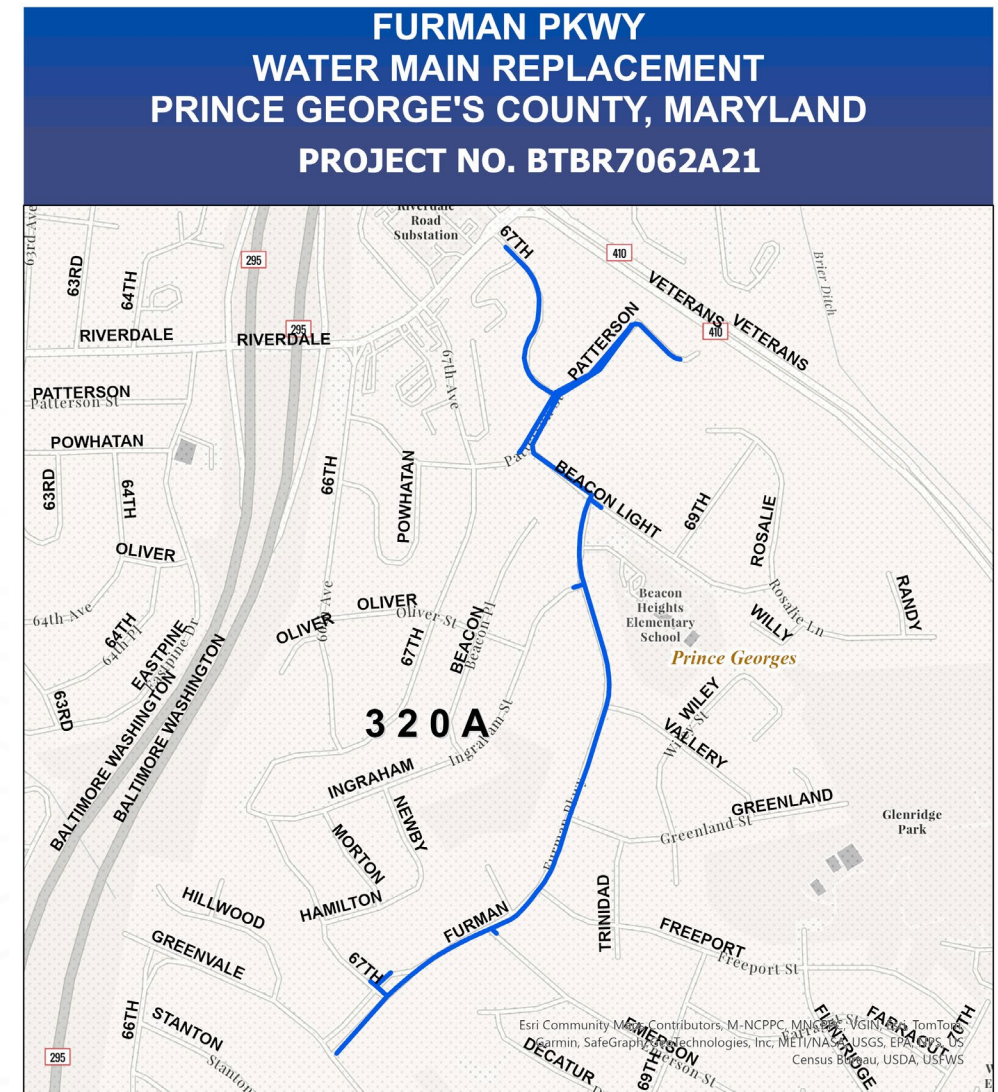
# Project Overview

## Furman Pkwy Water Main Replacement (MDE-Funded)

Contract No. BT/BR7062A21

Location: Riverdale - Prince George's  
County

- Replacement/relocation of approximately 1.3 miles of 8", 10", 12", 24" Ductile Iron Pipe (DIP)
- Replacement of approximately 3,617 feet of water house connections for 120 properties



# Project Overview

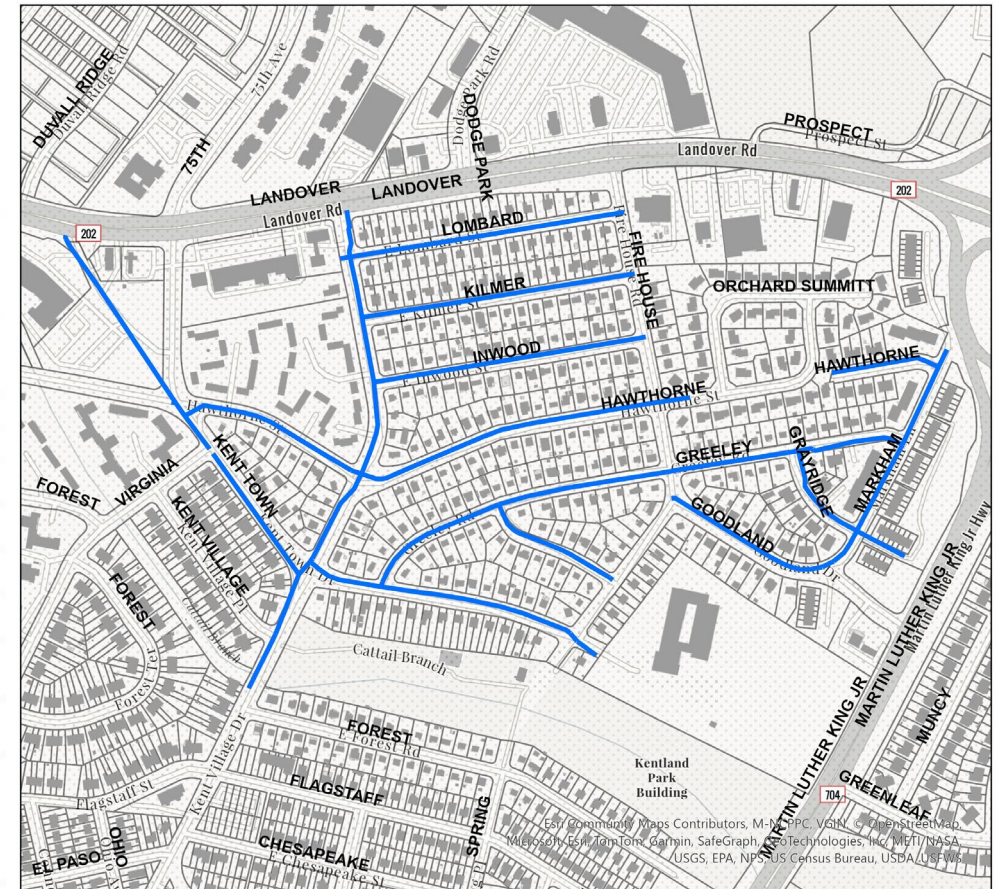
## Kent Village Water Main Replacement (MDE-Funded)

Contract No. BR7273A22

Location: Hyattsville - Prince George's  
County

- Replacement/relocation of approximately 2.83 miles of 8", and 12" Ductile Iron Pipe (DIP)
- Replacement of approximately 11,917 feet of water house connections for 421 properties

### KENT VILLAGE WATER MAIN REPLACEMENT PRINCE GEORGE'S COUNTY, MARYLAND PROJECT NO. BR7273A22

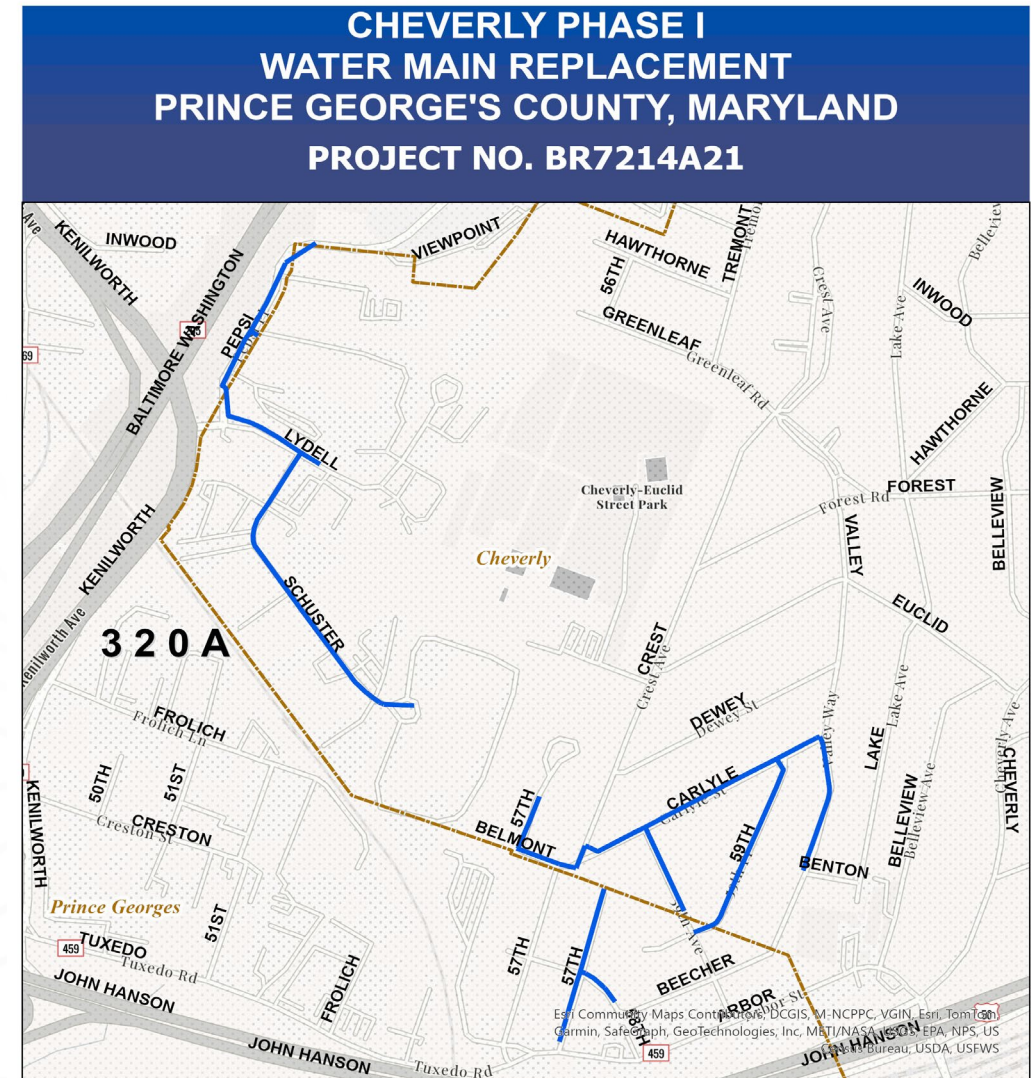


# Project Overview

## Cheverly Phase I Water Main Replacement Contract No. BR7214A21

Location: Cheverly - Prince George's  
County

- Replacement/relocation of approximately 1.61 miles of 8", 10" and 12" Ductile Iron Pipe (DIP)
- Replacement of approximately 3,441 feet of water house connections for 123 properties



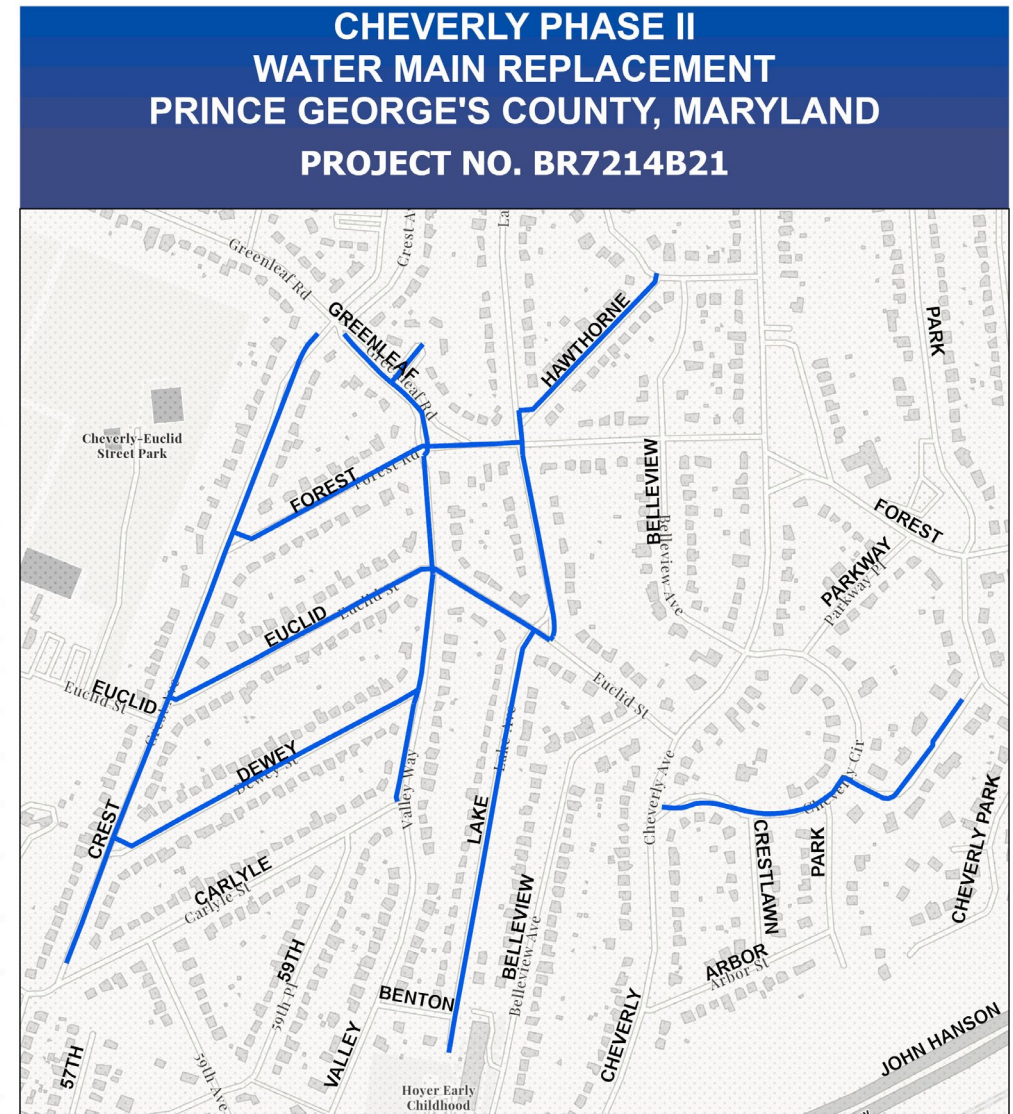
# Project Overview

## Cheverly Phase II Water Main Replacement

Contract No. BR7214B21

Location: Cheverly - Prince George's  
County

- Replacement/relocation of approximately 2.33 miles of 8", 10" and 12" Ductile Iron Pipe (DIP)
- Replacement of approximately 7,290 feet of water house connections for 236 properties





# Keys to Success



# Keys to Success

- OSHA Recordable Incident Rate (IR) 3.5 or less for the last three (3) years
- Traffic Control Personnel certified by American Traffic Safety Services Association (ATSSA)
- Personnel with State of Maryland Erosion and Sediment Control Training and Certification
- Personnel with Tapping Certification and minimum of three (3) years experience
- Three (3) years of experience in chlorination and de-chlorination of pressurized water pipes using pressurized liquid chlorine as described in either AWWA B301 or AWWA C651

# Keys to Success

## **For 14" and smaller Distribution Water Main Contracts**

- Minimum pipeline construction experience of five (5) miles of water main 3" to 14" diameter using ductile iron (DIP) over the last five (5) years (may include some C900 PVC pipe)

## **For 16" and greater Transmission Water Main Contracts**

- Minimum pipeline construction experience installing 10 miles of water mains over the last five (5) years, three (3) miles of which were of water mains equal or greater than 16" diameter
- Personnel with a minimum of three (3) years experience in the installation of large diameter water mains

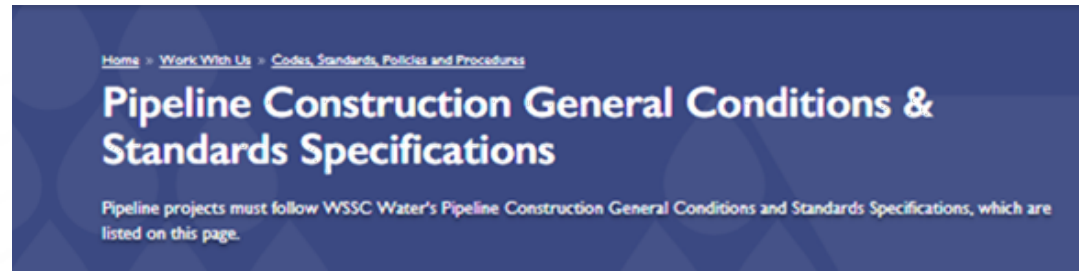


# Project Compliance

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Contractors need to comply with all contract documents while working on WSSC Water projects.

## [WSSC Water Pipeline Construction Conditions & Standards](#)



### Pipeline Construction General Conditions & Standards Specifications

The 2020 WSSC Water General Conditions and Standard Specifications are effective as of February 7, 2020.

Hardcopies of the 2020 General Conditions and Standard Specifications (without binders) can be purchased at the One Stop Shop in the Lobby Level at the RGH Building, 14501 Sweitzer Lane, Laurel, Maryland 20707.

#### Pipeline Construction General Conditions

2020

- Pipeline Construction General Conditions IDIQ Contracts - 2020
- Pipeline Construction General Conditions - 2020

# Project Compliance

Non-compliance can result in customer complaints, vehicle claims, and damage to WSSC Water's reputation.

**[Construction Tearing Up Residents' Cars Along Old Branch Avenue | wusa9.com](https://www.wusa9.com)**



# Project Compliance

Non-compliance can also impact WSSC Water from carrying out its mission to deliver safe, reliable and sustainable water and wastewater.

## [WSSC Water Issues Water Restrictions for Camp Springs | NBC4 Washington](#)



# Project Compliance

Specifications associated with Contractor non-compliance on WSSC Water projects:

- 01770: Project Clean Up
- 02315: Earthwork for Pipeline Construction
- 02510: Water Distribution System
- 02950: Pavement Requirements

# Project Compliance

## Spec 01770 - Project Clean Up

### Daily Clean-Up of Work Site:

- Proceed with construction clean-up as construction progresses
- Remove mud, oil, grease, soil, gravel, trash, scrap, debris, and excess materials that are unsightly or may cause accidents to persons or properties.
- Restore disturbed areas including, but not limited to staging and stockpiling areas, construction strips, access roads, stream crossings, and areas within acquired right of way
- Leave premises orderly and broom-clean.

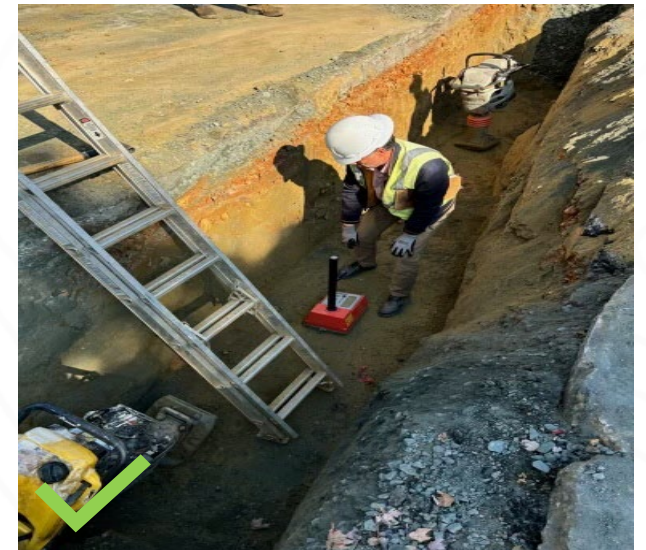




# Project Compliance

## Spec 02315: Earthwork for Pipeline Construction Compaction Testing and Reporting:

- Testing shall be performed on each lift in the pipe embedment zone and the final backfill zone starting from 6 inches above the bottom of excavation to the finished grade as shown on WSSC Water Standard Details.
- Certified compaction test reports must be submitted to the WSSC Water Contract Manager within five (5) business days of the work being performed.



# Project Compliance



## Spec 02510: Water Distribution System Operating Valves and System Shutoffs:

- After the bacteriological analysis is completed and approved by the Engineer, provide written request to shut down main three (3) working days prior to intent.
- Intent to shut down mains between 4 p.m. and 7:30 a.m., and on Saturdays, Sundays and holidays requires five (5) working days written request.
- Mains smaller than 16 inches: Operate valves under direct supervision of certified WSSC Water employee.
- Mains 16 inches and larger: Commission will operate valves for shutdown.

Water Main Work Order Request

EMAIL TO: #WO-ShutdownRequest		
E Mail From:	Phone No.:	Printer Remote No.:
Requestor:	Office Phone No.:	Cell No.:
Depot: <input type="checkbox"/> Anacostia <input type="checkbox"/> Gaithersburg <input type="checkbox"/> Lytonsville <input type="checkbox"/> RGH <input type="checkbox"/> Temple Hills		
Date of Request:	Contract No.:	
Contractor:	Location (nearest town):	

<input type="checkbox"/> <b>SHUT DOWN</b>	Date:	W.O. #:		
From: 0:00 To: 0:00		To be done by: <input type="checkbox"/> WSSC <input type="checkbox"/> Contractor		
Subdivision:		Hundred Block & Street Name:		
Hundred Blk & St:		Hundred Blk & St:		
County:	Page(s):	Grid(s):		
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
200'SHT #	V#	V#	V#	V#
<i>Reason for Shut Down:</i>				
<input type="checkbox"/> Other: ..				
<i>This Shut Down:</i>			Number of Customers Impacted:	

<b>LOCATE AND/OR OPERATE VALVES NOT SHOWING</b>				W.O. #:
Subdivision:				
County:	Page(s):	Grid(s):		
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:

<b>SIMULATED SHUT DOWN</b>		Sim. S/D sent , on		
County:	Page(s):	Grid(s):		
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:
Street/Intersection:				
200'SHT #:	V#:	V#:	V#:	V#:

# Project Compliance

## Spec 02950: Pavement Requirements Temporary/Permanent Patches:

- Provide temporary or permanent pavement immediately upon backfill completion.
- If temporary pavement becomes defective and creates an emergency, commence repair to rectify situation within 1 hour after notification.
- Resulting patch must be a smooth and level surface flush with existing pavement.





# Questions?

Submit your questions to [askprocurement@wsscwater.com](mailto:askprocurement@wsscwater.com)

For past event's presentations and sign in sheets, visit [www.wsscwater.com/work-us/procurement/outreach-events](http://www.wsscwater.com/work-us/procurement/outreach-events)




# Future Forecast




PROJECTED WSSC WATER SOLICITATIONS AS OF JANUARY 15, 2025								
This is a guide for informational purposes only and may be revised at any time without notice.								
Solicitation Description	Service Type	Potential Solicitation Type	*Estimated Posting Date (FY is July 1 - June 30)	Current Status	Department	NAICS Code	Estimated Contract Range	Contract Length (Including Option Terms)
Temporary Personnel Services for Development Services Division	A&E	RFP	FY25,Q2	Planning	Engineering & Construction	561320	\$500,000 - \$1Million	5 Years
Sewer Main Inspection Support Services	Professional Services	IFB	FY25,Q2	Planning	Utility Services	TBD	\$5 Million - \$10 Million	TBD
General Engineering Design Services	A&E	RFP	FY25,Q2	Planning	Engineering & Construction	541310	\$2 Million - \$4 Million	4 Years
Service Now Managed Service	Professional Services	RFP	FY25,Q2	Planning	Information Technology	423430	\$600,000 - \$650,000	5 Years
Cabin Branch Watermain Replacement	Construction	IFB	FY25,Q2	Planning	Engineering & Construction	237110	\$5 Million - \$10 Million	670 Days
Western Branch WRRF SS6 Decommission and New Warehouse	Construction	IFB	FY25,Q2	Planning	Engineering & Construction	237110	\$3 Million - \$5 Million	2 Years
Haverford Drive Watermain Replacement	Construction	IFB	FY25,Q2	Planning	Engineering & Construction	237110	\$3 Million - \$5 Million	376 Days
Darlene Drive Watermain Replacement	Construction	IFB	FY25,Q2	Planning	Engineering & Construction	237110	\$4 Million - \$5 Million	364 Days
Patuxent Phosphoric Acid	Goods & Services	TBD	FY25,Q2	Planning	TBD	TBD	TBD	TBD
Edward Drive Watermain Replacement	Construction	IFB	FY25,Q2	Planning	Engineering & Construction	237110	TBD	TBD
Advanced Asset Management	Professional Services	RFP	FY25,Q2	Planning	Engineering & Construction	541330	\$7 Million - \$7.2 Million	4 Years
RFP for Oracle Cloud Infrastructure (OCI) Professional Services	Goods & Services	RFP	FY25,Q2	Planning	Information Technology	541512	\$150,000 - \$250,000	120 Days
Fuel Island Renovation and Maintenance	Construction	IFB	FY25,Q2	Planning	General Services	90775	\$3,000 - \$4,5000	5 Years
Newburg Drive Water Main Replacement	Construction	IFB	FY25,Q2	Planning	Engineering & Construction	237110	\$3 Million - \$5 Million	555 Days
Karla Lane Water Main Replacement	Construction	IFB	FY25,Q2	Planning	Engineering & Construction	237110	\$2 Million - \$3.3 Million	444 Days
Parkwood Drive Water Main Replacement	Construction	IFB	FY25,Q2	Planning	Engineering & Construction	237110	\$18 Million - \$20 Million	867 Days
Building Maintenance	Goods & Services	IFB	FY25,Q2	Planning	Production	173675	\$9 Million - \$10.1 Million	6 Years
Hazardous Waste Removal and Disposal Services	Goods & Services	IFB	FY25,Q2	Pre-Planning	General Services	562211	\$100,000 - \$200,000	3 Years
Thurston Watermain Replacement	Construction	IFB	FY25,Q2	Pre-Planning	Engineering & Construction	TBD	TBD	TBD
Chestnut Street Watermain Replacement	Construction	IFB	FY25,Q2	Pre-Planning	Engineering & Construction	TBD	TBD	TBD
Power Reliability Study	Goods & Services	RFP	FY25,Q2	Pre-Planning	General Services	TBD	TBD	TBD
Temple Hills Truck Garage	Construction	IFB	FY25,Q2	Pre-Planning	General Services	TBD	TBD	TBD
Emergency Management System	Professional Services	RFP	FY25,Q2	Pre-Planning	General Services	TBD	TBD	TBD
IT Hardware Products and Related Services	Goods & Services	RFP	FY25,Q2	Pre-Planning	Information Technology	TBD	TBD	TBD

# Join Us On The Journey!



 **Opt In Today:** Be the first to access Rising TIDE training videos launching February 2025!

 **Seize Opportunities:** Explore contracts, programs, and events.

 **Access Exclusive Resources:** Use tools and training for our shared success.

 **Join a Thriving Network:** Collaborate with innovators and changemakers.

Remember, in the world of **water** infrastructure, **opportunities flow to those who prepare.**  
**We're here to help you navigate that journey.**